

Converting Colors

`RYB(185, 166, 189)`

Have a look what the booklet for RYB(185, 166, 189) contains.

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Color

R_YB(185, 166, 189)

Conversions

Conversions Part 1

Format	Color
Hex	B9A6BD
RGB	185, 166, 189
RGB Percent	73%, 65%, 74%
CMY	0.2745, 0.3490, 0.2588
CMYK	0.02, 0.12, 0.00, 0.26
HSL	290°, 15%, 70%
HSV	290°, 12%, 74%
XYZ	42.8291, 41.2608, 53.8509
YIQ	174.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

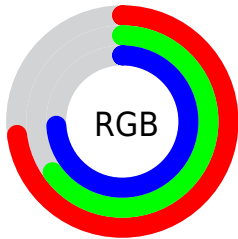
Format	Color
RYB	185, 166, 189
Decimal	12166845
CIELab	70.36, 11.09, -9.27
CIELCh	70, 14.457, 320.116
Yxy	41.2608, 0.3105, 0.2991
Android (android.graphics.Color)	4290356925 (0xFFB9A6BD)
YUV	174.3030, 7.2456, 9.3813
Hunter-Lab	64.2346, 6.6062, -4.7414

Details

The RYB color **185, 166, 189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **166, 189, 185**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **241, 221, 245**, and **132, 114, 136** is the 20% darker color. If you saturate the color by 10%, you get **182, 147, 189**, and if you desaturate by 10%, it is **188, 185, 189**.

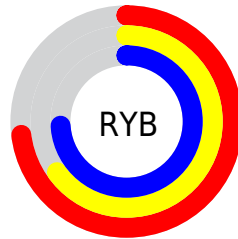
Distribution



Red (73%)

Green (65%)

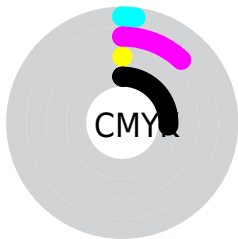
Blue (74%)



Red (73%)

Yellow (65%)

Blue (74%)

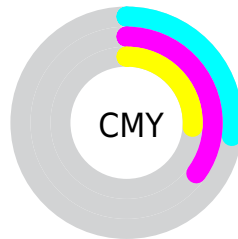


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (27%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 166, 189 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 185, 166, 189 by changing the saturation by 10% instead.


 185, 166, 189

255, 255, 255

 241, 221, 245

 255, 250, 255

 185, 166, 189

 158, 140, 162


 132, 114, 136

 107, 90, 110

 82, 66, 86

 59, 44, 63

 37, 23, 41

 18, 0, 21

 0, 0, 0

 185, 166, 189

 185, 166, 189

 182, 147, 189

 188, 185, 189

 178, 128, 189


 189, 204, 201

 175, 109, 189


 189, 223, 217

 172, 90, 189

 189, 242, 233

 169, 72, 189

 189, 255, 243

 165, 53, 189

 189, 255, 239

 162, 34, 189

 189, 255, 236

 159, 15, 189

 189, 255, 233

 156, 0, 189

 189, 255, 229

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169, 170, 197



185, 166, 189



196, 163, 177

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



185, 166, 189



175, 187, 146



138, 159, 181

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



185, 166, 189



166, 189, 185

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



145, 166, 180



185, 166, 189



147, 174, 148

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185, 166, 189



197, 172, 152



155, 177, 174



141, 162, 192

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185, 166, 189



200, 163, 168



155, 177, 174



140, 161, 180

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



185, 166, 189



243, 235, 245



166, 169, 189



121, 116, 122



250, 250, 250



122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 166, 189



238, 208, 245



189, 166, 182



93, 85, 94



131, 0, 158



25, 0, 31

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



189, 166, 170



245, 208, 214



166, 184, 189



94, 85, 87



158, 0, 27



31, 0, 5

Previews

White Background



This preview shows how the RYB color 185, 166, 189 looks on a white background.

Color Contrast Check

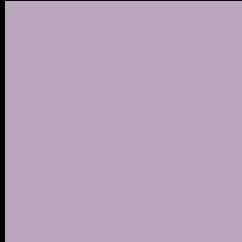
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 185, 166, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

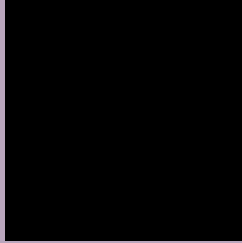
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 185, 166, 189 Background



This preview shows how black text looks on a background with the RYB color 185, 166, 189.



This preview shows how white text looks on a background with the RYB color 185, 166, 189.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


185, 166, 189

Protanopia

169, 171, 192

Deuteranopia

181, 167, 189



Tritanopia
184, 167, 181

Trichromacy



Original Color

185, 166, 189

Protanomaly

175, 169, 191

Deuteranomaly

182, 167, 189

Tritanomaly

184, 167, 184

Monochromacy



Original Color

185, 166, 189

Achromatopsia

174, 174, 174

Achromatomaly

178, 171, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 166, 189 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 166, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 166, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 189) }
```

Border

The CSS property to change the border of an element to RYB 185, 166, 189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

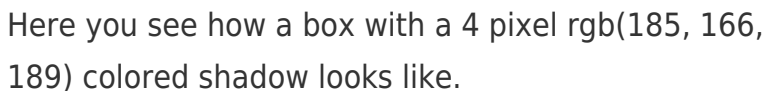
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 166, 189) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 166, 189) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(185, 166, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 166, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 166, 189); box-shadow:4px 4px 4px 4px rgb(185, 166, 189) }
```

Background

The CSS property to change the background color of an element to RYB 185, 166, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
166, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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